

IN THE SPECIFICATION:

Please amend the specification as follows.

1. After the Title of the Invention, "Method of Input of a Security Code by Means of a Touch Screen for Access to a Function, an Apparatus or a Given Location, and Device for Implementing the Same," please insert the following paragraph:

This application claims priority of Swiss Application No. 1990/02, filed November 26, 2002, the entire disclosure of which is incorporated herein by reference.

2. Before the paragraph on page 1, lines 1-7, which begins with "The invention relates....," please insert the following heading:

FIELD OF THE INVENTION

3. Before the paragraph on page 1, lines 9-22, which begins with "In some applications....," please insert the following heading:

BACKGROUND OF THE INVENTION

4. Before the paragraph on page 2, lines 21-22, which begins with "For this purpose," please insert the following heading:

SUMMARY OF THE INVENTION

5. Please replace the paragraph on page 2, lines 21-22, with the following new paragraph:

For this purpose, the subject of the invention relates to a method of input of a security code which has certain desirable~~the features mentioned in Claim 1.~~ Specifically, in a first embodiment in accordance with the present invention, a method of input of a security code by means of a touch screen of an electronic device is provided for access to a function, an apparatus or a given location, wherein the touch screen comprises control keys, which can be activated by manual action of a user using a finger or a stylus, each of the keys comprises at least one sensitive pad linked to a microprocessor unit of the electronic device, wherein the method comprises a first series of steps in an entry mode of the security code, the first series of steps comprising: (a) placing a finger or stylus on a first key of the touch screen, wherein the first key represents a first reference of the code to be entered; and (b) moving the finger or stylus on the touch screen over a specific trajectory from the first key to a second key of the touch screen, wherein the second key represents a second reference of the code to be entered, and wherein the microprocessor unit registers sensitive keys or pads activated during the movement of the finger or stylus on the screen to determine the security code.

6. Please replace the paragraph on page 3, lines 27-28, which begins with "For this purpose," with the following new paragraph as follows:

For this purpose, the invention also relates to an electronic device for implementing the method provided in the first embodiment of the present invention ~~with the features mentioned in Claim 15.~~ In other words, a second embodiment in accordance with the present invention is an electronic device that implements the method of the first embodiment. Specifically, the second embodiment in accordance with the present invention is an electronic device comprising: a touch screen with control keys, wherein the touch screen is activated by a manual action of a user using a finger or a stylus, and each of the keys comprises at least one sensitive pad connected to a microprocessor unit, wherein the microprocessor unit is fitted to register sensitive keys or fields activated during movement of the finger or stylus on the screen from one key representing a first reference to second key representing a second reference determining a security code, wherein the electronic device operates to implement a method of input of a security code by means of the touch screen for access to a function, a first device or a given location, wherein the method comprises a series of steps in an entry mode, the series of steps comprising: (a) placing a finger or stylus on a first key of the touch screen, wherein the first key represents a first reference of the code to be entered; and (b) moving the finger or stylus on the touch screen over a specific trajectory from the first key to a second key of the touch screen, wherein the second key represents a second reference of the code to be entered, and wherein the microprocessor unit registers the sensitive keys or pads activated during the movement of the finger or stylus on the screen to determine the security code.

7. Before the paragraph on page 3, lines 29-31, which begins with “The aims, advantages...,” please insert the following heading:

BRIEF DESCRIPTION OF THE DRAWINGS

8. Before the paragraph on page 4, lines 9-18, which begins with “In the following...,” please insert the following heading:

DETAILED DESCRIPTION OF ILLUSTRATIVE EMBODIMENTS

9. Please replace the paragraph on page 4, lines 9-18, which begins with “In the following...,” with the following new paragraph.

In the following description, none of the electronic components in accordance with the second embodiment of the present invention, which are serving to implement the method of input of the security code in accordance with a first embodiment of the present invention, that are well known to a person skilled in the art in this technical field will be explained in detail. Those persons skilled in the art in this technical field would be reasonably familiar with these well known electronic components. According to the method of the invention, which is believed to evince patentable features, the security code is entered by means of control keys of a touch screen of an electronic device by a finger of the user. This code is generally defined by (a) at

least one first reference of a sensitive pad or an activated key of the screen, (b) a second reference of the same key or another activated key, and (c) the path followed by the finger on the touch screen from the first reference to the second reference. The detected path of the finger on the screen can be made by verification of the activated pad or pads of the first reference to the second reference.